

CARSON RIVER BASIN, UPPER CARSON RIVER BASIN

10311100 KINGS CANYON CREEK NEAR CARSON CITY, NV

LOCATION.--Lat 39°09'14", long 119°48'25" referenced to North American Datum of 1927, in NE 1/4 NE 1/4 sec. 23, T.15 N., R.19 E., Carson City County, Hydrologic Unit 16050201, on right bank, off Kings Canyon Road, 2.5 mi west of Carson Street.

DRAINAGE AREA.--4.06 mi².

PERIOD OF RECORD.--June 1976 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 5,180 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Diversion for municipal use above station. [See schematic diagram of Carson River Basin, Upper Carson River Basin.](#)

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 276 ft³/s, January 2, 1997, gage height, 5.42 ft; maximum gage height, 5.44 ft, February 19, 1986; minimum daily, 0.02 ft³/s, August 1, 1994.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2.2 ft³/s, February 16, gage height, 3.99 ft; minimum daily discharge, 0.16 ft³/s, July 9, September 8, 9.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.24	0.82	0.73	0.63	0.47	0.61	0.37	0.46	0.23	e0.20	0.26	0.20
2	0.24	0.62	0.72	0.63	0.49	0.59	0.53	0.43	0.22	e0.20	0.27	0.20
3	0.26	0.63	0.71	0.75	0.47	0.57	0.41	0.35	0.21	e0.45	0.26	0.19
4	0.49	0.63	0.71	0.71	0.44	0.58	0.39	0.31	0.21	e0.20	0.25	0.32
5	0.26	0.63	0.74	0.65	0.44	0.59	0.35	0.30	0.31	e0.20	0.21	0.19
6	0.28	0.62	1.1	0.69	0.45	0.75	0.40	0.28	0.22	e0.19	0.27	0.18
7	0.27	0.62	0.86	0.72	0.59	0.57	0.44	0.41	e0.20	e0.18	0.69	0.17
8	0.25	0.82	0.72	0.71	0.43	0.56	0.44	0.27	e0.19	e0.17	0.38	0.16
9	0.24	0.67	0.74	0.67	0.42	0.57	0.59	0.30	e0.28	e0.16	0.39	0.16
10	0.27	0.59	0.76	0.80	0.41	0.56	0.52	0.27	e0.28	e0.44	0.37	0.18
11	0.52	0.56	0.73	0.65	0.41	0.54	0.50	0.34	e0.28	e0.22	0.33	0.34
12	0.41	0.56	0.73	0.64	0.41	0.53	0.50	0.33	e0.54	e0.19	0.30	0.20
13	0.41	0.57	1.0	0.61	0.40	0.69	0.45	0.31	e0.32	e0.19	0.32	0.19
14	0.39	0.57	0.83	0.57	0.57	0.51	0.41	0.32	e0.31	e0.19	0.65	0.20
15	0.39	0.79	0.75	0.54	0.51	0.48	0.42	0.51	e0.31	e0.19	0.39	0.19
16	0.38	0.63	0.74	0.54	1.1	0.47	0.58	0.39	e0.31	e0.19	0.39	0.19
17	0.39	0.64	0.73	0.69	1.1	0.49	0.48	0.36	e0.31	e0.41	0.30	0.18
18	0.55	0.61	0.73	0.54	0.77	0.49	0.48	0.34	e0.31	e0.25	0.31	0.33
19	0.39	0.62	0.74	0.54	0.59	0.63	0.48	0.35	e0.50	e0.25	0.27	0.22
20	0.39	0.64	0.98	0.54	0.57	0.48	0.49	0.34	e0.36	e0.23	0.27	0.22
21	0.37	0.67	0.80	0.52	0.73	0.49	0.49	0.35	e0.36	e0.23	0.59	0.21
22	0.36	0.82	0.76	0.51	0.58	0.46	0.47	0.48	e0.31	e0.22	0.33	0.21
23	0.36	0.76	0.75	0.49	0.55	0.43	0.60	0.36	e0.27	0.24	0.23	0.19
24	0.38	0.75	0.93	0.66	0.54	0.44	0.49	0.36	e0.25	0.39	0.19	0.17
25	0.59	0.73	0.69	0.48	0.78	0.44	0.47	0.35	e0.23	0.23	0.20	0.32
26	0.43	0.73	0.61	0.46	0.69	0.56	0.47	0.36	e0.44	0.22	0.20	0.23
27	0.42	0.72	0.64	0.48	0.60	0.40	0.46	0.35	e0.23	0.22	0.21	0.21
28	0.39	0.75	0.50	0.46	0.73	0.48	0.45	0.38	e0.21	0.21	0.49	0.20
29	0.41	0.96	0.65	0.46	0.59	0.55	0.44	0.39	e0.20	0.24	0.24	0.21
30	0.52	0.73	0.63	0.47	---	0.39	0.56	0.26	e0.20	0.25	0.22	0.21
31	0.61	---	0.62	0.61	---	0.38	---	0.24	---	0.46	0.20	---
TOTAL	11.86	20.46	23.33	18.42	16.83	16.28	14.13	10.85	8.60	7.61	9.98	6.37
MEAN	0.38	0.68	0.75	0.59	0.58	0.53	0.47	0.35	0.29	0.25	0.32	0.21
MAX	0.61	0.96	1.1	0.80	1.1	0.75	0.60	0.51	0.54	0.46	0.69	0.34
MIN	0.24	0.56	0.50	0.46	0.40	0.38	0.35	0.24	0.19	0.16	0.19	0.16
AC-FT	24	41	46	37	33	32	28	22	17	15	20	13

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1976 - 2004, BY WATER YEAR (WY)

MEAN	1.31	1.16	1.09	1.32	1.55	1.52	1.30	1.12	1.47	1.43	1.34	1.22
MAX	5.69	5.41	5.13	7.96	6.86	4.41	4.33	4.53	8.29	8.01	7.04	4.97
(WY)	(1984)	(1984)	(1984)	(1997)	(1986)	(1983)	(1982)	(1983)	(1983)	(1983)	(1983)	(1983)
MIN	0.13	0.16	0.17	0.19	0.30	0.37	0.28	0.24	0.22	0.09	0.07	0.15
(WY)	(1993)	(1993)	(1994)	(1993)	(1993)	(1992)	(1993)	(1992)	(1992)	(1994)	(1994)	(1992)

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SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR	FOR 2004 WATER YEAR	WATER YEARS 1976 - 2004
ANNUAL TOTAL	202.40	164.72	
ANNUAL MEAN	0.55	0.45	1.33
HIGHEST ANNUAL MEAN			4.58
LOWEST ANNUAL MEAN			0.35
HIGHEST DAILY MEAN	1.1	Dec 6	66 Jan 2, 1997
LOWEST DAILY MEAN	0.20	Aug 7	0.02 Aug 1, 1994
ANNUAL SEVEN-DAY MINIMUM	0.25	Sep 23	0.05 Oct 17, 1992
MAXIMUM PEAK FLOW			276 Jan 2, 1997
MAXIMUM PEAK STAGE			5.44 Feb 19, 1986
ANNUAL RUNOFF (AC-FT)	401	327	961
10 PERCENT EXCEEDS	0.75	0.73	3.1
50 PERCENT EXCEEDS	0.57	0.44	0.81
90 PERCENT EXCEEDS	0.29	0.20	0.27

e Estimated